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7590

01/05/2006

International Business Machines Corporation
IP Law L2PA/010
5600 Cottle Road
San Jose, CA 95193

04/03/2006 WABDEL R3 00000020 090466 10826945

01 FC:1501
02 FC:1504

1400.00 DA
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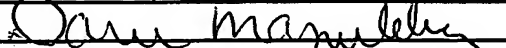
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Darci Manuleleua

(Depositor's name)



(Signature)

3/29/06

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/826,945	04/17/2004	Kuok San Ho	SJO920000165US2	1611

TITLE OF INVENTION: METHOD OF MAKING A READ HEAD HAVING A TUNNEL JUNCTION SENSOR WITH A FREE LAYER BIASED BY EXCHANGE COUPLING WITH INSULATING ANTIFERROMAGNETIC (AFM) LAYERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/05/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
KLIMOWICZ, WILLIAM JOSEPH	2652	360-324000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Ervin F. Johnston

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

International Business Machines Corporation Armonk, New York

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
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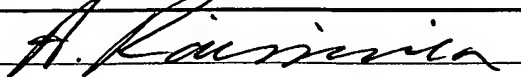
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☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature



Date

March 29, 2006

Typed or printed name

Abby Raissinia

Registration No. 38,686

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